FIG.1

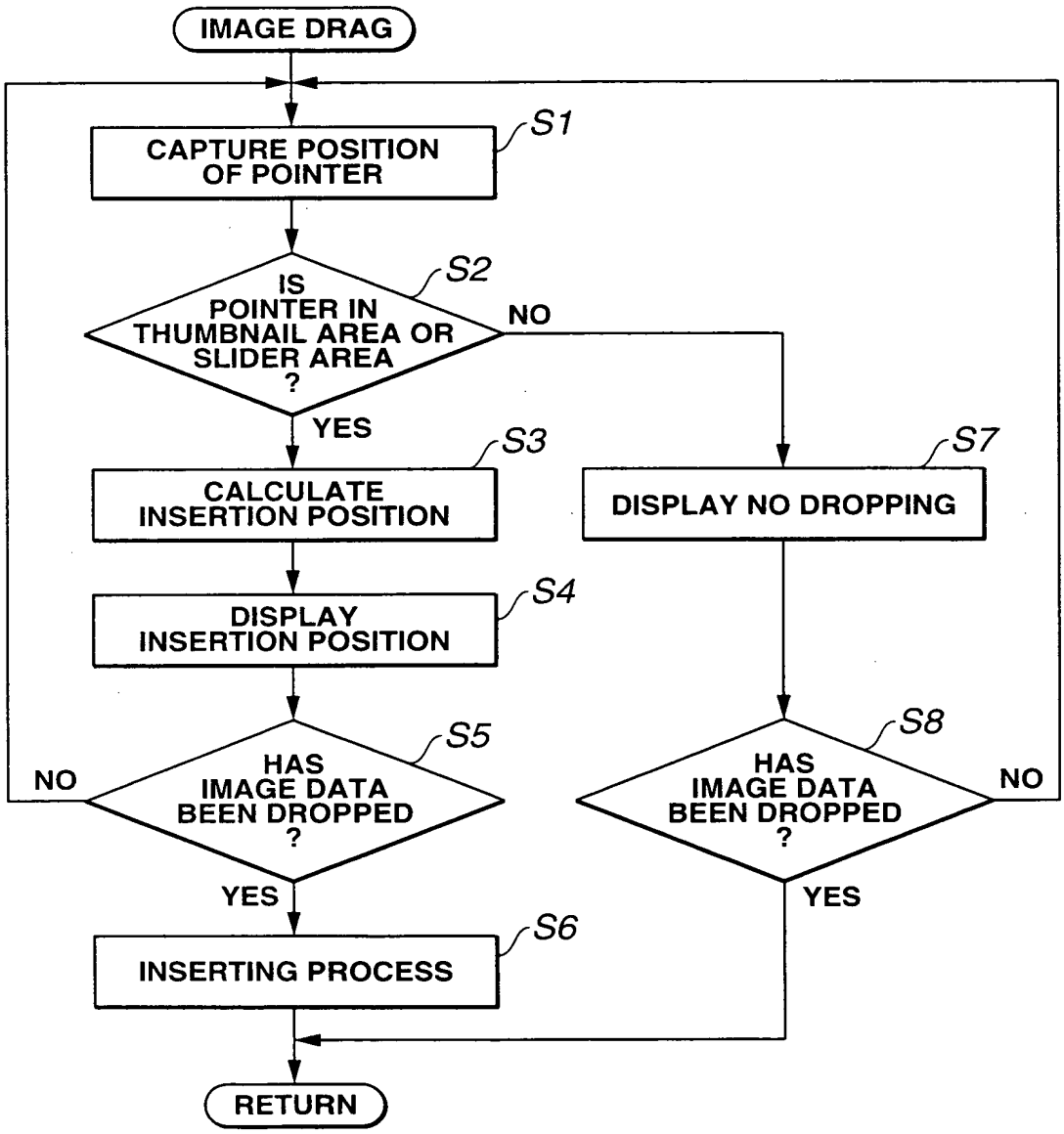


IMAGE DRAG
CAPTURE POSITION OF POINTER
S1
IS POINTER IN THUMBNAIL AREA OR SLIDER AREA ?
S2
NO
YES
CALCULATE INSERTION POSITION
S3
DISPLAY INSERTION POSITION
S4
HAS IMAGE DATA BEEN DROPPED ?
S5
NO
YES
INSERTING PROCESS
S6
DISPLAY NO DROPPING
S7
HAS IMAGE DATA BEEN DROPPED ?
S8
NO
YES
RETURN

FIG.2

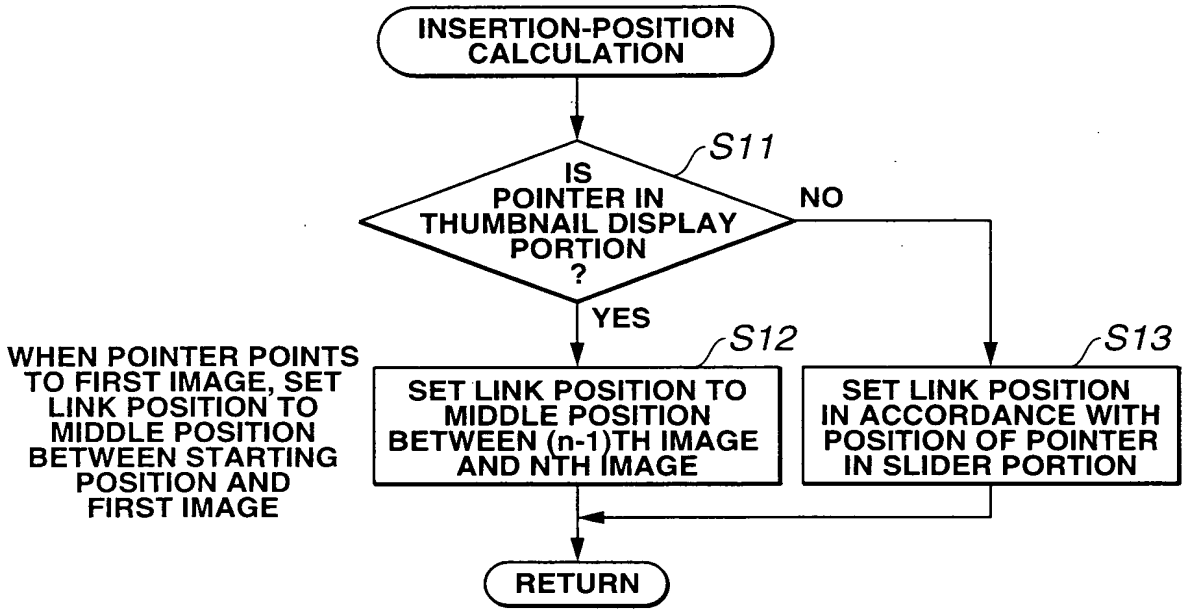

INSERTION-POSITION CALCULATION
S11
IS POINTER IN THUMBNAIL DISPLAY PORTION ?
NO
YES
S12
SET LINK POSITION TO MIDDLE POSITION BETWEEN (n-1)TH IMAGE AND NTH IMAGE
S13
SET LINK POSITION IN ACCORDANCE WITH POSITION OF POINTER IN SLIDER PORTION
WHEN POINTER POINTS TO FIRST IMAGE, SET LINK POSITION TO MIDDLE POSITION BETWEEN STARTING POSITION AND FIRST IMAGE
RETURN

FIG.3

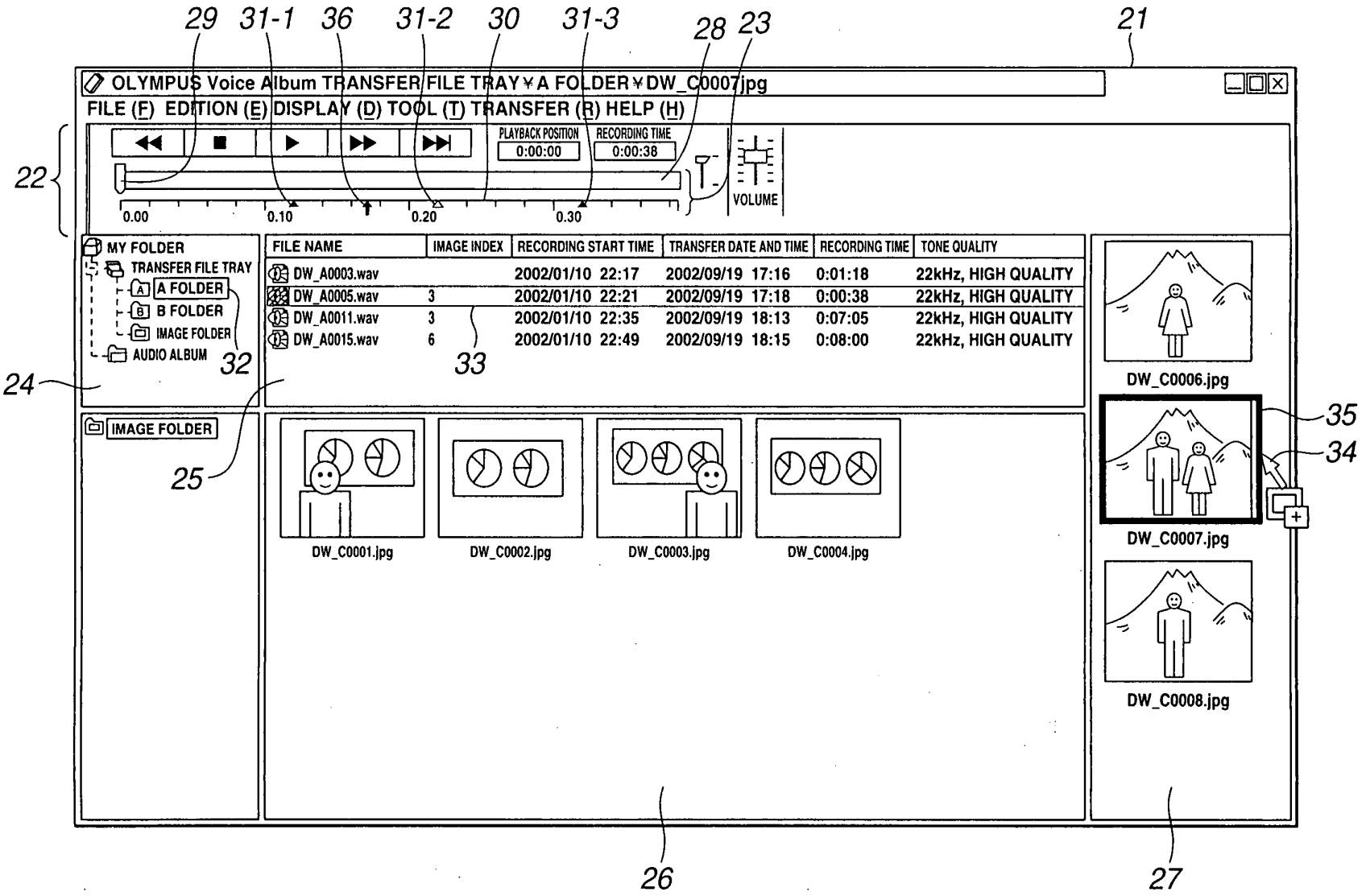

29
31-1
36
31-2
30
31-3
28
23
21
OLYMPUS Voice Album TRANSFER FILE TRAY¥A FOLDER¥DW_C0007jpg
FILE (F) EDITION (E) DISPLAY (D) TOOL (T) TRANSFER (R) HELP (H)
PLAYBACK POSITION
0:00:00
RECORDING TIME
0:00:38
VOLUME
0.00
0.10
0.20
0.30
22
MY FOLDER
TRANSFER FILE TRAY
A FOLDER
B FOLDER
IMAGE FOLDER
AUDIO ALBUM
32
24
FILE NAME
IMAGE INDEX
RECORDING START TIME
TRANSFER DATE AND TIME
RECORDING TIME
TONE QUALITY
DW_A0003.wav 2002/01/10 22:17 2002/09/19 17:16 0:01:18 22kHz, HIGH QUALITY
DW_A0005.wav 3 2002/01/10 22:21 2002/09/19 17:18 0:00:38 22kHz, HIGH QUALITY
DW_A0011.wav 3 2002/01/10 22:35 2002/09/19 18:13 0:07:05 22kHz, HIGH QUALITY
DW_A0015.wav 6 2002/01/10 22:49 2002/09/19 18:15 0:08:00 22kHz, HIGH QUALITY
33
25
IMAGE FOLDER
DW_C0001.jpg
DW_C0002.jpg
DW_C0003.jpg
DW_C0004.jpg
DW_C0006.jpg
DW_C0007.jpg
DW_C0008.jpg
35
34
26
27

FIG.4

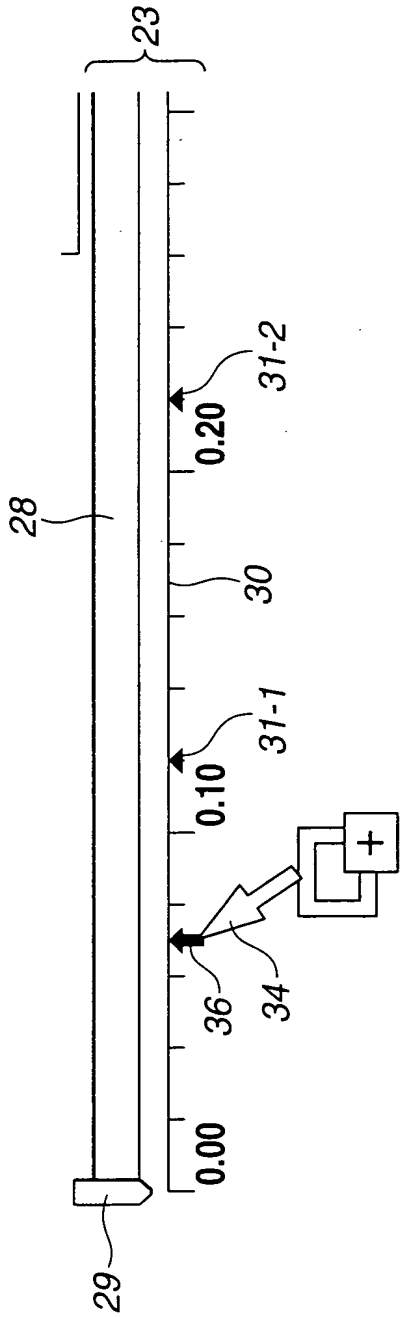


FIG.5

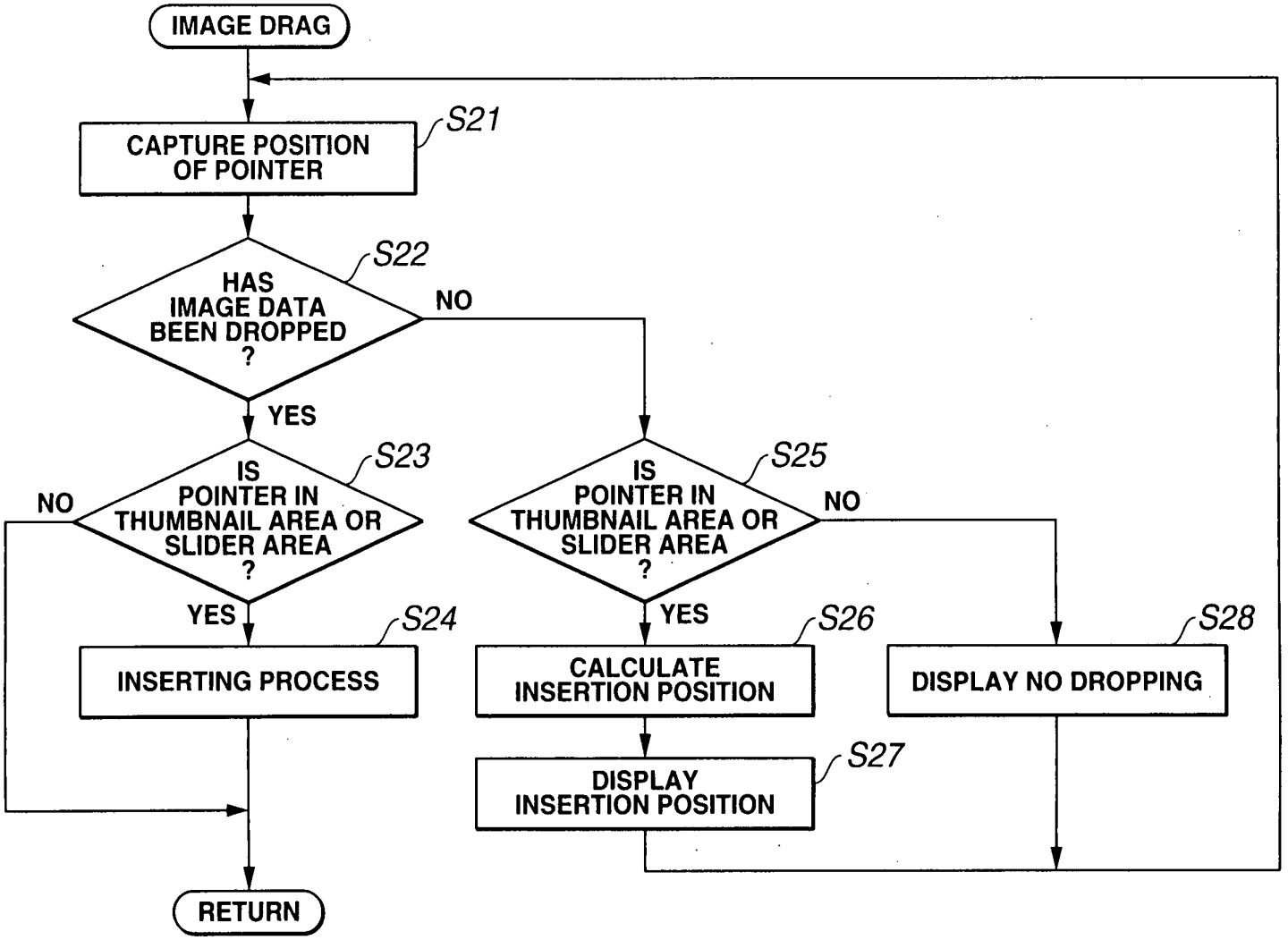


IMAGE DRAG
CAPTURE POSITION OF POINTER
S21
HAS IMAGE DATA BEEN DROPPED ?
S22
NO
YES
IS POINTER IN THUMBNAIL AREA OR SLIDER AREA ?
S23
NO
YES
INSERTING PROCESS
S24
RETURN
IS POINTER IN THUMBNAIL AREA OR SLIDER AREA ?
S25
NO
YES
CALCULATE INSERTION POSITION
S26
DISPLAY INSERTION POSITION
S27
DISPLAY NO DROPPING
S28

FIG.6

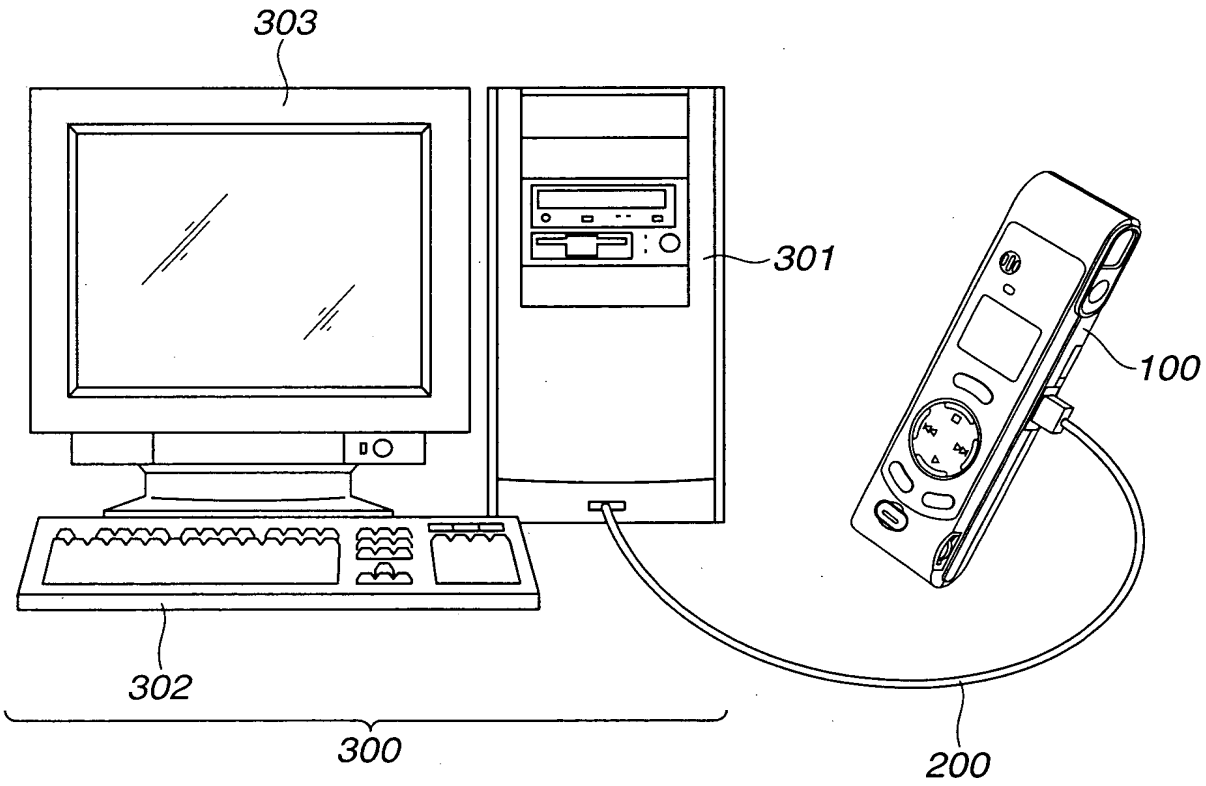


FIG.7

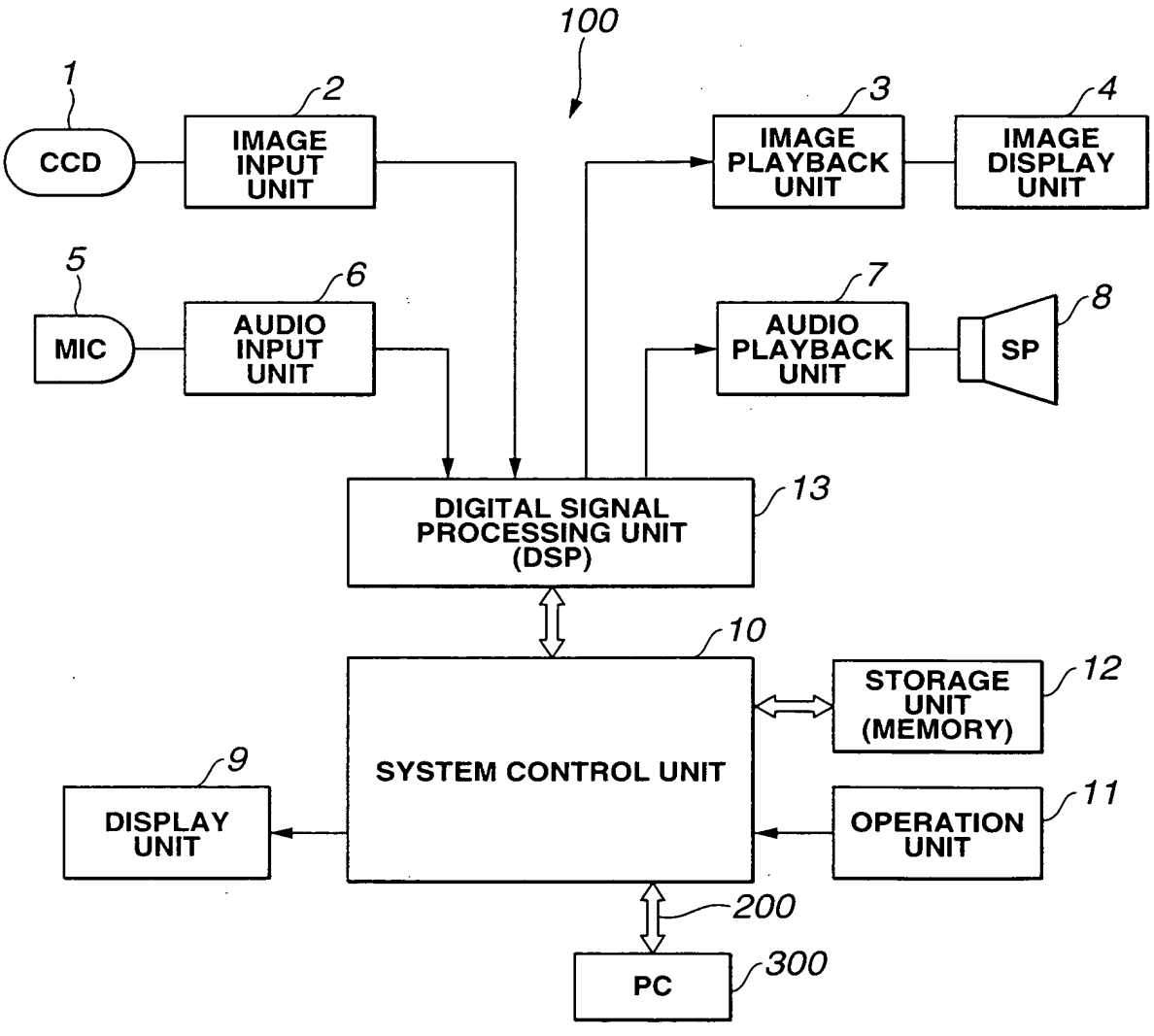
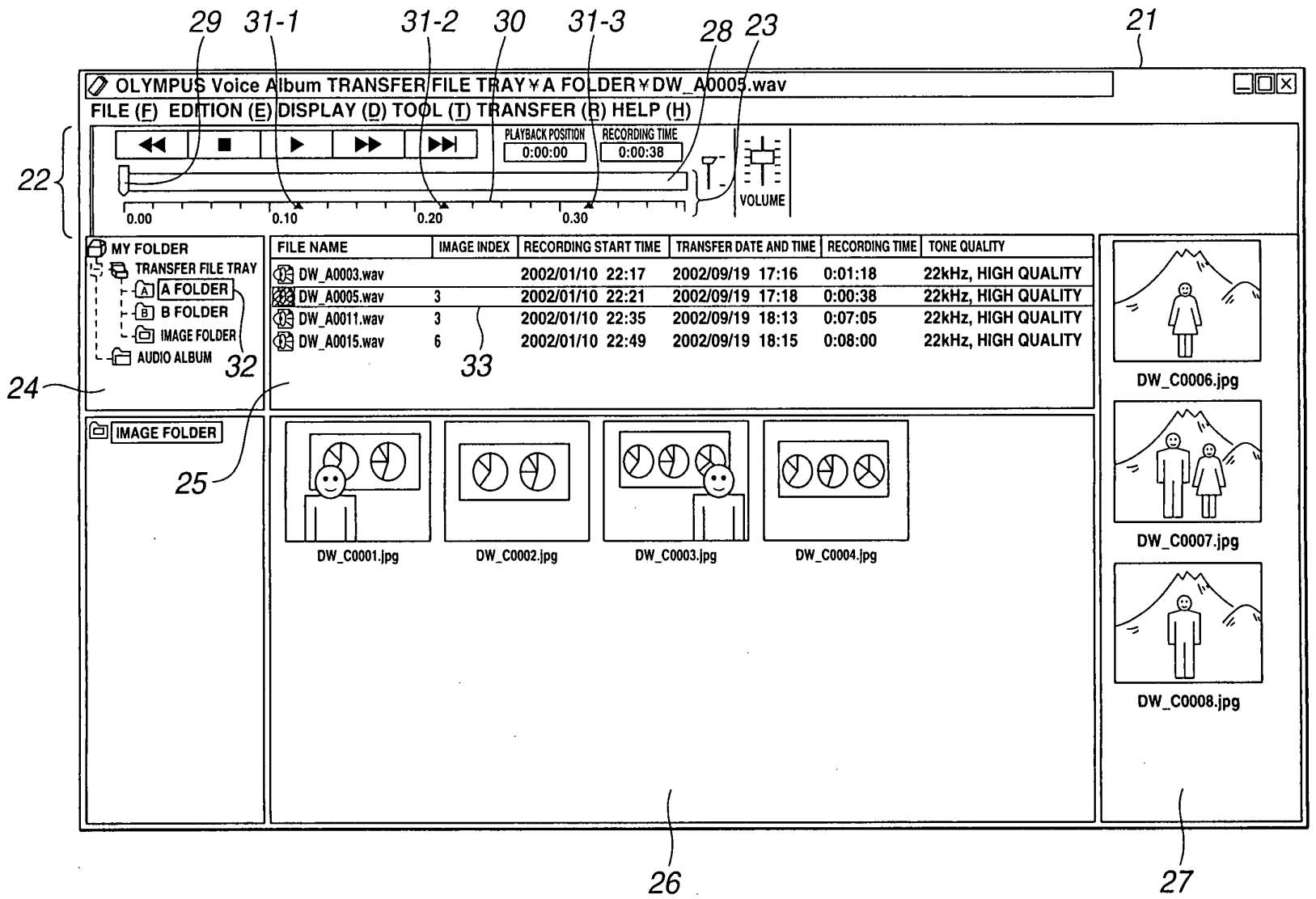

100
1
CCD
2
IMAGE INPUT UNIT
3
IMAGE PLAYBACK UNIT
4
IMAGE DISPLAY UNIT
5
MIC
6
AUDIO INPUT UNIT
7
AUDIO PLAYBACK UNIT
8
SP
13
DIGITAL SIGNAL PROCESSING UNIT (DSP)
10
SYSTEM CONTROL UNIT
12
STORAGE UNIT (MEMORY)
9
DISPLAY UNIT
11
OPERATION UNIT
200
PC
300

FIG.8


29
31-1
31-2
30
31-3
28
23
21
OLYMPUS Voice Album TRANSFER FILE TRAY¥A FOLDER¥DW_A0005.wav
FILE (F) EDITION (E) DISPLAY (D) TOOL (T) TRANSFER (R) HELP (H)
22
PLAYBACK POSITION
0:00:00
RECORDING TIME
0:00:38
VOLUME
0.00
0.10
0.20
0.30
MY FOLDER
TRANSFER FILE TRAY
A FOLDER
B FOLDER
IMAGE FOLDER
AUDIO ALBUM
32
24
FILE NAME
IMAGE INDEX
RECORDING START TIME
TRANSFER DATE AND TIME
RECORDING TIME
TONE QUALITY
DW_A0003.wav 2002/01/10 22:17 2002/09/19 17:16 0:01:18 22kHz, HIGH QUALITY
DW_A0005.wav 3 2002/01/10 22:21 2002/09/19 17:18 0:00:38 22kHz, HIGH QUALITY
DW_A0011.wav 3 2002/01/10 22:35 2002/09/19 18:13 0:07:05 22kHz, HIGH QUALITY
DW_A0015.wav 6 2002/01/10 22:49 2002/09/19 18:15 0:08:00 22kHz, HIGH QUALITY
33
IMAGE FOLDER
25
DW_C0001.jpg
DW_C0002.jpg
DW_C0003.jpg
DW_C0004.jpg
DW_C0006.jpg
DW_C0007.jpg
DW_C0008.jpg
26
27